INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10595817		
	Filing Date		2007-04-23		
	First Named Inventor Amm		nar S. Alkhawaldeh		
	Art Unit		1714		
	Examiner Name	Robe	rt M, Kunemund		
	Attorney Docket Numb	er	1789-13502		

					U.S.	PATENTS			Remove		
Examiner Initial*	Cite No	Patent Number	Kind Code1 Issue Date Name of Patentee or Applicant of cited Document			Releva		Lines where ges or Relev			
	1	6322901	B1	2001-11	1-27	Bawendi, et al					
If you wis	h to ad	d additional U.S. Pate	nt citatio	n inform	ation pl	lease click the	Add button.	_	Add		_
			U.S.P	ATENT	APPLI	CATION PUB	LICATIONS		Remove		
Examiner Initial*	Cite N	Publication Number	Kind Code <sup>1</sup>	Gind Publication Code <sup>1</sup> Date		Name of Pate of cited Docu	f Patentee or Applicant Document			Lines where ges or Relev	
	1										
If you wis	h to ad	d additional U.S. Publ	ished Ap	plication	citatio	n information p	lease click the Ad	d button	_		
				FOREIG	GN PAT	TENT DOCUM	ENTS		Remove		
Examiner Initial*		Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code4	Publication Date	Name of Patente Applicant of cited Document	or	where Rel	or Relevant	т.
	1	2005052996	wo		A2	2005-06-09	William Marsh Rice University				
	2	2005052996	wo		А3	2005-06-09	William Marsh Rice University				
If you wis	h to ad	d additional Foreign F	atent Do	cument	citation	information pl	lease click the Add	button	Add		
			NON	I-PATE	NT LITE	RATURE DO	CUMENTS		Remove		_

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number Filing Date			10595817
			2007-04-23
	First Named Inventor	Amm	ar S. Alkhawaldeh
Art Unit			1714
	Examiner Name	Robe	rt M. Kunemund
Attorney Docket Number		ec	1789-13502

Examiner Initials*	Cite No	(book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	Ţ5
	1	ALIVISATOS, A. P., et al., "Semoonductor dusters, nanocrystats, and quantum dots," Science, New Series, February 16, 1996, vol. 271, no. 5251, pgs. 933-937.	
	2	BUKOWSKI, TRACIE J., et al., "Quantum dot research: current state and future prospects," Critical Reviews in Solid State and Materials Sciences, 2002, vol. 27, no. 344, pgs. 119-142, CRC Press, Inc.	
	3	DABBOUSI, B. O., et al., "(CdSe)ZnS core-shell quantum dots: synthesis and characterization of a size series of highly luminescent nancorystallities," The Journal of Physical Chemistry 8, 1997, vol. 101, pgs. 3463-9475, American Chemical Society.	
	4	DUAN, XIANGFENG, et al., "General synthesis of compound semiconductor nanowires," Advanced Materials, 2000, vol. 12, no. 4, pgs. 298-302, WILEY-VCH.	
	5	KATARI, J. E. BOWEN, et al., "X-ray photoelectron spectroscopy of CdSe nanocrystals with applications to studies of the nanocrystal surface," The Journal of Physical Chemistry, 1994, vol. 96, pgs. 4109-4117, American Chemical Society.	
	6	MANNA, LIBERATO, et al., "Synthesis of soluble and processable rod-, arrow-, teardrop-, and tetrapod-shaped CdSe nanocrystals," Journal of the American Chemical Society, 2000, vol. 122, pgs. 12700-12706, American Chemical Society.	
	7	MURRAY, C. B., et al., "Synthesis and characterization of monodisperse nanocrystals and close-packed nanocrystal assemblies," Annual Review of Materials Science, 2000, vol. 30, pgs. 545-510, Annual Reviews.	
	8	MURRAY, C. B., et al., "Synthesis and characterization of nearly monodisperse CdE (E = S, Se, Te) semiconductor nanocrystallites," Journal of the American Chemical Society, 1993, vol. 115, pgs. 8706-8715, American Chemical Society.	
	9	PENG, XIAOGANG, et al., "Kinetics of II-VI and III-V colloidal semiconductor nanocrystal growth. "focusing" of size distributions;" Journal of the American Chemical Society, 1998, vol. 120, pgs. 5343-5344, American Chemical Society, 1998, vol. 1998,	
	10	PENG, Z. ADAM, et al., "Mechanisms of the shape evolution of CdSe nanocrystals," Journal of the American Chemical Society, 2001, vol. 123, pgs. 1389-1395, American Chemical Society.	

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 GFR 1.99)

plication Number		10595817
ing Date		2007-04-23
st Named Inventor	Amm	ar S. Alkhawaldeh
t Unit		1714
aminer Name	Robe	rt M. Kunemund
termen Dealest Monther		1780 12502

	11	QU, LIANHUA, et al., "Alternative routes toward high quality CdSe nanocrystals," Nano Letters, 2001, vol. 1, no. 6, pgs. 333-337, American Chemical Society.				
	12	QU, LIANHUA, et al., "Control of photoluminescence properties of CdSe nanocrystals in growth," Journal of the American Chemical Society, 2002, vol. 124, no. 9, pgs. 2049-2055, American Chemical Society.				
	13	WANG, Y. ANDREW, et al., "Stabilization of inorganic nanocrystals by organic dendrons," Journal of the American Chemical Society, 2002, vol. 124, no. 10, pgs. 2293-2298, American Chemical Society.				
	14	YU, W. WILLIAM, et al., "Formation of high-quality CdS and other II-VI semiconductor nencorystats in noncoordinating solvents. brackle reactivity of micromens," Angewande Chemie International Edition, 2022, vol. 41, no. 13, pps. 2269-2271, WILLI-V-CHZ.				
	15	Foreign Communication from a related counterpart application - International Preliminary Report on Patentability, PCT/ US2004/038807, May 22, 2006, 4 pages.				
If you wis	If you wish to add additional non-patent literature document citation information please click the Add button Add					
EXAMINER SIGNATURE						

F

E

Examiner Signature | Date Considered |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 See Kind Codes of USPTO Patent Documents at www\_USPTO\_GQCy or MPEP 801 04. 

2 Enter office that issued the document, by the two-letter code (WIPO

Yes And Code of Use 11 cent Localismas at year Lips (115,20) or series year, 9, - cent concerns a localism or do doublents, by the in-client code (year). Standard \$13,5) For Jupianese plates from countering, by manufaction of the year of the reprince proper must preced the season in under of the paid countering. The inclient control is a finite of the proper must preced the season in under of the paid countering. The inclient countering the proper must preced the season in under of the paid countering. Yellow of the countering the proper must preced the season in under of the paid countering the countering the countering the proper must preced the season in under of the paid countering the countering the proper must preced the paid of the proper must preced the season for the proper must preced the paid to the paid to the proper must preced the paid to the paid tof